

NOVEMBER/DECEMBER 2025

23USMB24 — SERICULTURE (SEC III)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.



1. Define sericulture.
2. List two botanical characteristics of Mulberry plant.
3. Tell about Pupa stage of silk worm.
4. Tell about the morphology of silk worm.
5. List out the silk worm disease.
6. Recall Pebrine disease.
7. Define cocoon assessment.
8. List out any two products produced by silk worm.
9. What is EDP?
10. Which is the main subsidiary facility required for sericulture?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the distribution of Sericulture in India.

Or

- (b) Summarize about Mulberry crop protection.

12. (a) Outline the egg stage of silk worm.

Or

- (b) Explain the pupal stage in life cycle of silk worm.

13. (a) Summarize the function of muscardine disease of silk worm.

Or

- (b) Explain about viral disease of silk worm.

14. (a) Explain the importance of rearing practices.

Or

- (b) Classify the process of cocoon assessment.

15. (a) Summarize about marketing in sericulture.

Or

- (b) Explain about the importance of sanitation and equipment in sericulture technique.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Demonstrate the biology of mulberry plant and its cultivation practices.

17. Elaborate the morphology and life cycle of silk worm.

18. Discuss in detail about symptoms and control measure of silkworm disease.

19. Explain about rearing of silkworm and cocoon processing techniques.

20. Discuss the insectary facilities and equipments in sericulture

